UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Fax: (281)983-2248 Phone: (281)983-2100

Final Analytical Report

	Site Name	-Oil Trust Fund
	Sample Collection Date(s)	05/11/10
	Contact	Rich Mayer (6PD-F)
	Report Date	- 05/23/10
	Project #	10REG160
	Work Order(s)	-1005015
Analyses included in this repor	rt:	
P/P 8015 DRO/ORO		
Report Narrative		
Sample Management:		
-	RO/ORO data. The VOA, ase data were previously report	ABN, propylene glycol, 2-butoxyethanol, rted.
DRO:		
•	the MSD. The amount spik s was placed on source result	ted was inadequate to properly calculate s.
ORO is qualified as high b	iased in the sample because th	ne ending calibration check failed high.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:	
Richard McMillin	David Neleigh
Region 6 Laboratory Manager	Region 6 Laboratory Branch Chief

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Please provide a reason for holding:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund	Project Number: 10REG160
Data Management Coordinator: Christy Warren	/ /
Data Management Coordinator Signature	Date
Date Transmitted:/	
Please have the U.S. EPA Project Manager/Offic comments or questions.	cer call the Data Management Coordinator at 3-2137 for any
Please sign and date this form below and return i	it with any comments to:
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS	
Received by and Date	
Comments:	
The laboratory routinely disposes of samples 90 hold these samples in custody longer than 90 day	days after all analyses have been completed. If you have a need to ys, please sign below.
Signature	Date



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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
BOASS-051110	1005015-01	Phasic	5/11/10 12:45	05/13/10 08:40

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DRO/ORO by EPA Method 8015 (GC-FID)

Lab ID: 1005015-01 Station ID: BOASS-051110

Batch: B0E1404 Date Collected: 05/11/10 Sample Type: Phasic Sample Weight: 0.103 g

Sample Qualifiers:

Surrogates

Analyte	Result mg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: o-Terphenyl	7,420	7D 4	109	70-130	05/14/10 05/14/10

Targets

Analyte (CAS Number)	Result mg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5) Oil Range Organics (NA)	424,000 113,000	K	9,710 9,710	1	05/14/10	05/14/10 05/20/10

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DRO/ORO by EPA Method 8015 (GC-FID) - Quality Control

Batch: B0E1404 Sample Type: Non-Aqueous Liquid

Blank (B0E1404-BLK1)

Prepared: 5/14/2010 Analyzed: 5/14/2010

Surrogates

ANALYTE		Analyte Qualifier	Spike Level	%REC	%REC Limits	
Surr: o-Terphenyl	6,020		6,140	98.1	70-130	

Blank (B0E1404-BLK1)

Prepared: 5/14/2010 Analyzed: 5/14/2010

Targets

ANALYTE		Analyte Reporting Qualifiers Limit	
Diesel Range Organics	U	8,770	
Oil Range Organics	U	8,770	

LCS (B0E1404-BS1)

Prepared: 5/14/2010 Analyzed: 5/14/2010

Surrogates

ANALYTE		Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: o-Terphenyl	6,270		6,480	96.8	70-130

LCS (B0E1404-BS1)

Prepared: 5/14/2010 Analyzed: 5/14/2010

Targets

ANALYTE		te Reporting Spike ers Limit Level	%REC %REC Limits
Diesel Range Organics	168,000	9,260 185,000	90.7 70-130

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DRO/ORO by EPA Method 8015 (GC-FID) - Quality Control

Batch: B0E1404 Sample Type: Non-Aqueous Liquid

Matrix Spike (B0E1404-MS1)

Source: 1005015-01 Prepared: 5/14/2010 Analyzed: 5/14/2010

Surrogates

ANALYTE	Result mg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: o-Terphenyl	7,480		6,670	112	70-130

Matrix Spike (B0E1404-MS1)

Prepared: 5/14/2010 Analyzed: 5/14/2010 Source: 1005015-01

Targets

ANALYTE	Result Analyte Repo mg/kg Qualifiers Lin		%REC %REC Limits
Diesel Range Organics	645,000 19,0	000 190,000 424,000	116 70-130

Matrix Spike Dup (B0E1404-MSD1)

Prepared: 5/14/2010 Analyzed: 5/14/2010 Source: 1005015-01

Surrogates

ANALYTE	Result mg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: o-Terphenyl	7,880		6,860	115	70-130

Matrix Spike Dup (B0E1404-MSD1)

Prepared: 5/14/2010 Analyzed: 5/14/2010 Source: 1005015-01

Targets

ANALYTE		Analyte R Qualifiers				%REC Limits	RPD	RPD Limit
Diesel Range Organics	684,000)	19,600	196,000	424,000	132 # 70-130	5.85	30

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ronmental Standards, Inc-LastUpdated-031609

				2 2 5 9 8 7 6	with the line of the second	ITEM#	Taxel (A)	Can My day	Phone/Fax	Lab PM		Address	Required Lab Name		
			Additional Comments/Special Instructions		130BSS - 051110	SAMPLE ID Samples IDs MUST BE UNIQUE	Sign #			Ago Ago	Houston, 1+ 77899	10625 FALLTONE Rd Project #	Ship to Lab:		
Spirt Comparison Spirt Legal Special Study	× Investigatory	(check only one)	SAMPLE REASON		BOA Ship		Site PM Email: carios.morano@op.com	28	Site PM Name Carlos Moreno	City Schreiver St		£ .	Required Project Information: Site ID #: MC252 (*)		
dy UPS COL		Melon	AND THE REAL PROPERTY.		NH N/A W CN	Start Depth F B B B B B B B B B B B B B B B B B B	op.com		70	State Zip LA 70395		1	\$5.11	CHAIN-OF	
D) (mark as appropriate) PRINT Name of SAMPLER		THIN - MAIL	RELINGUISHED BY / AFFILIATION		05-11-16	SAMPLE DATE	CC Hardcopy report to	CC Hardcopy report to	Send EDO to	Rembursement project?	3/99	Sampling Company	Required Sampler Information:	CHAIN-OF-CUSTODY / Analytical Request Document for Chain-d-Chaistry is a LEGAL DOCUMENT All reviews fields must be completed and accurate.	
SAMPLEP MANE AND SIGNATURE Chais Tedder Chais Tedder		0/8/01/1/5	DATE TIME		245	SAMPLE TIME #OF CONTAINERS				no Non-res	(X)		chis indde	cal Request D	
AND SIGNATURE	c	Stilla 1810 Chronty women	DATE TIME ACCEPTED BY / AFFILIATION			Comments/Lab Sample I.D.				mbulserdant project? Mack one	14			Ocument ted and accurate	
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Sample	-	(N) X (N)	Sample Receipt Conditions										Mark One	9 9	

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Notes and Definitions

K The identification of the analyte is acceptable; the reported value may be biased high. The actual value is

expected to be less than the reported value.

Α This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

Undetected U

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds per square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

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